

Message Text

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PAGE 01 HELSIN 02068 191401Z

43

ACTION OES-05

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COME-00 DODE-00 EB-07 EPA-04 INR-07 IO-10 L-03 NSF-02

NSC-05 NSAE-00 PM-04 USIA-15 SS-15 SP-02 FEAE-00

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E.O. 11652: N/A

TAGS: SENV, OECD, FI

SUBJ: SURVEY ON FLUOROCARBON PRODUCTION, USE AND RESEARCH IN
FINLAND

REF: STATE A-5061

1. FINLAND HAS NO DOMESTIC PRODUCTION OF FLUOROCARBONS. ALL
DOMESTICALLY CONSUMED FLUOROCARBONS COME FROM FOREIGN PRODUCERS.

2. FINLAND'S IMPORTS OF FLUOROCARBONS:

YEAR FLUOROCARBONS
1974 4.6-5.0 METRIC TONS
1973 4.1 METRIC TONS
1972 NA
1971 2.6 METRIC TONS

3. ESTIMATED FLUOROCARBON PROPELLANT USES BY AEROSOL PRODUCT
TYPE IN FINLAND, 1974:
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PAGE 02 HELSIN 02068 191401Z

AEROSOL PRODUCT TYPE	UNITS PER 1,000 CAPITA PER YEAR
INSECTICIDES	375
PAINTS	4
HOUSEHOLD	750
HAIR SPRAY	417
DEODORANTS	2,000
TOTAL	3,546

NOTE: THESE AEROSOL PRODUCTS RELEASED ABOUT 2.2 METRIC
TONS OF FLUOROCARBONS INTO THE ATMOSPHERE

4. PRODUCTION AND CONSUMPTION OF AEROSOL PRODUCTS IN FINLAND:

YEAR	MILLIONS OF UNITS	
	PRODUCTION	CONSUMPTION
1974	29.0	17.0
1973	28.8	17.0
1972	NA	16.0
1971	NA	15.0
1970	NA	16.0

5. NO TOTAL ESTIMATE OF ANNUAL RELEASE OF FLUOROCARBONS
OBTAINABLE. HOWEVER, AS ALL FLUOROCARBONS USED ARE
IMPORTED (PARA 2) AND TWO-FIFTHS OF THAT USED IN AEROSOL
PRODUCTS IS EXPORTED, OES/ENP/EN MAY BE ABLE TO MAKE
ROUGH ESTIMATE OF PROBABLE ANNUAL RELEASE TO
ATMOSPHERE.

6. INTEREST IN FLUOROCARBONS AND POSSIBLE DAMAGE TO
OZONE LAYER HAS BEEN SHOWN HERE, AS EVIDENCED BY
SEVERAL RECENT NEWSPAPER ARTICLES. WE CAN LEARN OF
NO ON-GOING OR PLANNED RESEARCH IN THIS AREA. SMALL
AND POORLY-FINANCED ENVIRONMENTAL PROTECTION EFFORT
HERE IS LIKELY TO CONTINUE TO FOCUS MOST ATTENTION
ON WATER POLLUTION AND TO LESSER EXTENT ON AIR
POLLUTION OF LOWER ATMOSPHERE.
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